

DETAILED ACTION

- This action is responsive to the following communication: an amendment filed on 6/8/2009 and authorized examiner's amendment dated 10/2/2009.
- Claims 1, 9-13 are now allowed; claims 2-8 have been canceled.

Response to Arguments

Applicant's arguments, see pages 7-8, filed 6/8/2009, with respect to claims 11-13 have been fully considered and are persuasive. The 35 U.S.C 101 rejection of claims 11-13 has been withdrawn.

Allowable Subject Matter

- Claims 1, 9-13 are allowed; renumbered as claims 1-6 respectively.
- The following is an examiner's statement of reasons for allowance:

---The prior arts of record (CIPA white paper; US 20030043204 to Aquilera et al) teach a system having a camera capable of directly transmitting a digital image to a printer and to obtain printer attributes/capabilities from printer. The closest prior arts of record mentioned and described above does not disclose, teach or suggest, the claimed limitation of "a user interface selector that (a) selects a first user interface that is not able to control the first trimming print function and not able to control the second trimming print function, if the determination unit determines that the printer has neither the first trimming print function nor the second trimming print function, (b) selects a second user interface for controlling the second trimming print function, if the determination unit determines that the printer has the second trimming print function but does not have the first trimming print function, (c) selects a third user interface for controlling the first trimming print function, if the determination unit determines that the printer has the first trimming print function but does not have the second trimming print function, and (d) selects a fourth user interface for controlling the first trimming print function and the second trimming print function, if the determination unit determines that the printer has both the first trimming print function and the second trimming print function" as recited in independent claim 1.

---The prior arts of record (CIPA white paper; US 20030043204 to Aquilera et al) teach a system having a camera capable of directly transmitting a digital image to a printer and to obtain printer attributes/capabilities from printer. The closest prior arts of record mentioned and described above does not disclose, teach or suggest, the claimed limitation of “a first user interface selecting step of selecting a first user interface that is not able to control the first trimming print function and not able to control the second trimming print function, if it is determined in the determining step that the printer has neither the first trimming print function nor the second trimming print function; a second user interface selecting step of selecting a second user interface for controlling the second trimming print function, if it is determined in the determining step that the printer has the second trimming print function but does not have the first trimming print function; a third user interface selecting step of selecting a third user interface for controlling the first trimming print function, if it is determined in the determining step that the printer has the first trimming print function but does not have the second trimming print function; a fourth user interface selecting step of selecting a fourth user interface for controlling the first trimming print function and the second trimming print function, if it is determined in the determining step that the printer has both the first trimming print function and the second trimming print function” as recited in independent claim 11.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Leonard Diana on 10/2/2009.

Please amend the following:

IN THE SPECIFICATION

To rewrite paragraphs [0064] and [0065], as follows:

--[0064] In step S1201, it is determined whether or not a user has selected a digital image to be trimming-printed. When the user selects a digital image to be trimming-printed, the control proceeds to step S1202, where the capability data of the PD printer 1000 is analyzed, and the type of trimming print method that can be processed by the PD printer 1000 is detected. The capability data can be received in the "RECOMMENDED PROCEDURE" of the NCDP system. In step S1203, it is determined whether or not the PD printer 1000 has an "edgeless trimming print" function, which is one of the trimming print methods. The "edgeless trimming print" function, which is also hereinafter referred to as a "first trimming print function", is to enlarge or reduce a digital image of a printing range, which is set by the digital camera 3012, and print the image in the entire surface of the paper sheet without a margin. Note, assume that the shape of a printing range that can be set in the "edgeless trimming print" corresponds to an aspect ratio of paper sheet, and the size thereof is variable. If the PD printer 1000 has the "edgeless trimming print" function, the control proceeds to step S1205; otherwise, the control proceeds to step S1204.

[0065] In step S1204, it is determined whether or not the PD printer 1000 has an "automatic trimming print" function, which is [[one]] another of the trimming print methods. The "automatic trimming print" function, which is also hereinafter referred to as a "second trimming print function", is to print the digital image of a printing range, which is set by the digital camera 3012, in the size and shape automatically determined by the PD printer 1000. Note that the image of the printing range set by the digital camera 3012 is always printed. The printing range that can be set in the "automatic trimming print" function represents a minimum range desired by a user. The shape of the printing range may be of a rectangle, a square, a circle, an oval, a heart, and so forth, and the size thereof is variable.

IN THE CLAIMS

Art Unit: 2625

1. (currently amended): A camera which is capable of directly transmitting a digital image to a printer, comprising:

an obtaining unit that obtains capability information from the printer, wherein the capability information includes information indicating what type of trimming print function the printer has;

a determination unit that determines, based on the capability information, whether the printer has at least one of a first trimming print function and a second trimming print function different from the first trimming print function;

a user interface selector that (a) selects a first user interface that is not able to control ~~both~~ the first trimming print function and not able to control the second trimming print function, if the determination unit determines that the printer has neither the first trimming print function nor the second trimming print function, (b) selects a second user interface for controlling the second trimming print function, if the determination unit determines that the printer has the second trimming print function but does not have the first trimming print function, (c) selects a third user interface for controlling the first trimming print function, if the determination unit determines that the printer has the first trimming print function but does not have the second trimming print function, and (d) selects a fourth user interface for controlling the first trimming print function and the second trimming print function, if the determination unit determines that the printer has both the first trimming print function and the second trimming print function; and

a display unit that (a) displays to a user of the camera the first interface if the user interface selector selects the first user interface, (b) displays to the user of the camera the second user interface if the user interface selector selects the second user interface, (c) displays to the user of the camera the third user interface if the user interface selector selects the third user interface, and (d) displays to the user of the camera the fourth user interface if the user interface selector selects the fourth user interface.

11. (currently amended): A method of controlling a camera which is capable of directly transmitting a digital image to a printer, comprising:

an obtaining step of obtaining capability information from the printer, wherein the capability information includes information indicating what type of trimming print function the printer has;

a determining step of determining, based on the capability information, whether the printer has at least one of a first trimming print function and a second trimming print function different from the first trimming print function;

a first user interface selecting step of selecting a first user interface that is not able to control ~~both~~ the first trimming print function and not able to control the second trimming print function, if it is determined in the determining step that the printer has neither the first trimming print function nor the second trimming print function;

a second user interface selecting step of selecting a second user interface for controlling the second trimming print function, if it is determined in the determining step that the printer has the second trimming print function but does not have the first trimming print function;

a third user interface selecting step of selecting a third user interface for controlling the first trimming print function, if it is determined in the determining step that the printer has the first trimming print function but does not have the second trimming print function;

a fourth user interface selecting step of selecting a fourth user interface for controlling the first trimming print function and the second trimming print function, if it is determined in the determining step that the printer has both the first trimming print function and the second trimming print function;

a first display step of displaying to a user of the camera the first user interface if the first user interface is selected in the first user interface selecting step;

a second display step of displaying to the user of the camera the second user interface if the second user interface is selected in the second user interface selecting step;

a third display step of displaying to the user of the camera the third user interface, if the third user interface is selected in the third user interface selecting step; and

a fourth display step of displaying to the user of the camera the fourth user interface if the fourth user interface is selected in the fourth user interface selecting step,

wherein the obtaining step, the determining step, the first through fourth user interface selecting steps and the first through fourth display steps are performed by the camera.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to THIERRY L. PHAM whose telephone number is (571)272-7439. The examiner can normally be reached on M-F (9:30 AM - 6:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on (571)272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Thierry L Pham/
Examiner of Art Unit 2625